WAC Lighting PD-70945-BK

WAC Lighting DweLED Flare 45in LED Linear Pendant (Model PD-70945-BK) User Manual

Brand: WAC Lighting | Model: PD-70945-BK

1. INTRODUCTION

This manual provides essential instructions for the safe installation, operation, and maintenance of your WAC Lighting DweLED Flare 45in LED Linear Pendant. Please read this manual thoroughly before installation and retain it for future reference. This fixture features a cylindrical design with an extruded acrylic diffuser, providing efficient LED illumination.

Image 1.1: The WAC Lighting DweLED Flare 45in LED Linear Pendant in Black, showcasing its sleek cylindrical form and black canopy.

2. IMPORTANT SAFETY INFORMATION

- **WARNING:** Risk of electric shock. Disconnect power at the fuse or circuit breaker before installation or servicing.

- All electrical connections must be in accordance with local codes, ordinances, or the National Electric Code (NEC). Consult a qualified electrician if you are unfamiliar with proper electrical wiring connections.

- This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.

- Do not install any fixture assembly closer than 6 inches from any curtain or similar combustible material.

- Ensure the fixture is securely mounted to a structurally sound part of the ceiling.

- Do not attempt to modify the fixture. Any modifications may void the warranty and create a safety hazard.
- Wear safety glasses and gloves during installation.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before beginning installation:

- Light Fixture (1 unit)
- Mounting Hardware (screws, wire nuts, etc.)
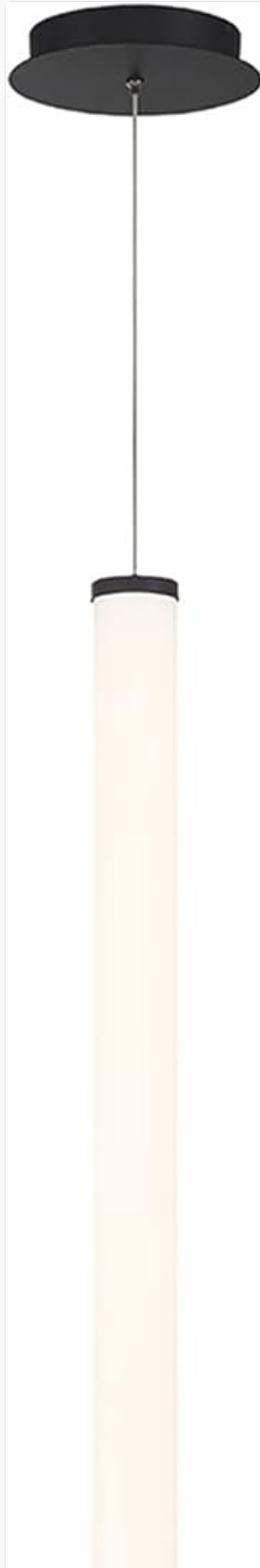- Installation Instruction Sheet

4. PRODUCT SPECIFICATIONS

Feature	Specification
Model Number	PD-70945-BK
Dimensions (L x W x H)	2.44 x 2.44 x 45.06 inches
Weight	7.58 pounds
Material	Aluminum (fixture body), Synthetic (shade)
Color	Black (fixture), White (shade)
Light Source Type	Integrated LED
Color Temperature	3000 Kelvin
Brightness	2853 Lumens
Wattage	42 watts
Voltage	120 Volts (Universal Input Voltage Driver: 120V-240V-277V)
CRI	90
Rated Hours	50,000
Dimming	Smooth and continuous dimming with ELV, TRIAC, or 0-10V dimmers
Certifications	ETL & cETL listed for Damp Locations, CEC Title 24 Compliant
Mounting Type	Ceiling Mount (can be mounted on a sloped ceiling)

5. INSTALLATION INSTRUCTIONS

Before You Begin: Ensure power is disconnected at the circuit breaker. Read all safety warnings in Section 2.

1. **Prepare the Mounting Location:** Identify the desired location for the pendant. Ensure the electrical junction box is securely installed and capable of supporting the fixture's weight.

2. **Install Mounting Bracket:** Attach the fixture's mounting bracket to the junction box using the provided screws. Ensure it is flush and stable.

3. **Adjust Pendant Height:** The pendant's height is adjustable. Use the push-pin connectors on the canopy to set the desired length of the electrified cable. Refer to the dimension diagram for reference.

4. **Make Electrical Connections:** Connect the fixture's wires to the corresponding household wires (black to black, white to white, ground to ground) using the provided wire nuts. Ensure all connections are secure.

5. **Secure the Canopy:** Carefully push the canopy up to the ceiling, ensuring all wires are tucked inside the junction box. Secure the canopy to the mounting bracket using the provided screws.

6. **Restore Power:** Once installation is complete and all connections are secure, restore power at the circuit breaker.
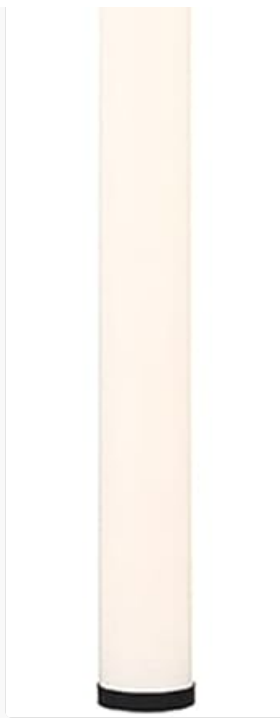
Image 5.1: Dimension diagram illustrating the various sizes of DweLED Flare pendants, including the 45-inch model (PD-70945) with its minimum and maximum adjustable heights.

6. OPERATING INSTRUCTIONS

The WAC Lighting DweLED Flare pendant is designed for straightforward operation once installed.

- **Power On/Off:** Control the fixture using a standard wall switch connected to the circuit.
- **Dimming:** This fixture is compatible with Electronic Low Voltage (ELV), TRIAC, or 0-10V dimmers. For optimal performance and to avoid flickering or damage, ensure you use a compatible dimmer switch. Consult a qualified electrician if you are unsure about dimmer compatibility.

7. CARE AND MAINTENANCE

To maintain the appearance and performance of your light fixture, follow these guidelines:

- **Cleaning:** Always disconnect power before cleaning. Use a soft, dry, or slightly damp cloth to wipe the exterior surfaces. Avoid abrasive cleaners, solvents, or polishes as they may damage the finish or acrylic diffuser.
- **LED Module:** The LED module is high-powered and replaceable. If replacement is necessary, contact a qualified technician or WAC Lighting customer support for assistance. Do not attempt to replace the LED module yourself unless you are qualified.
- **Inspection:** Periodically inspect the fixture for any signs of wear or damage. If any issues are found, disconnect power and contact a qualified electrician or WAC Lighting customer support.

8. TROUBLESHOOTING

If you experience issues with your WAC Lighting DweLED Flare pendant, refer to the following common problems and solutions:

Problem	Possible Cause	Solution

	No power to the fixture.	Check if the circuit breaker is tripped. Ensure the wall switch is in the 'ON'
Fixture does not light up.	Loose wire connection. Faulty switch or circuit breaker.	position. Verify all wire connections are secure (with power off). Test the switch or circuit breaker.
Light flickers or dims improperly.	Incompatible dimmer switch. Loose wire connection.	Ensure a compatible ELV, TRIAC, or 0-10V dimmer is used. Check wire connections (with power off).
Fixture makes humming noise.	Incompatible dimmer switch. Loose mounting.	Verify dimmer compatibility. Ensure the fixture is securely mounted to the ceiling.

If these steps do not resolve the issue, contact WAC Lighting customer support or a qualified electrician.
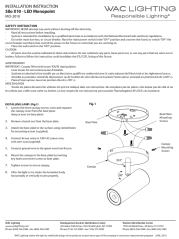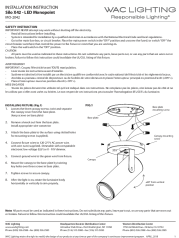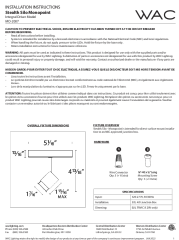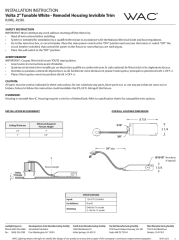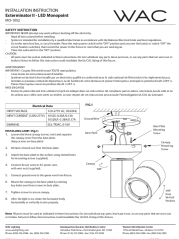
9. WARRANTY AND SUPPORT

Warranty: This WAC Lighting fixture is covered by a 5-year limited manufacturer warranty. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

Customer Support: For technical assistance, warranty inquiries, or replacement parts, please contact WAC Lighting customer service. Refer to the official WAC Lighting website for current contact information.

Online Resources: Additional product information, installation guides, and FAQs may be available on the WAC Lighting website.

Related Documents - PD-70945-BK

[WAC Lighting MO-495 Vector LED Track Kit Installation Instructions](#)

Detailed installation instructions for the WAC Lighting MO-495 Vector LED Track Kit (Single), including safety precautions, hardware, and wiring guidance.

[WAC Lighting Silo X10 LED Monopoint Installation Instructions](#)

Comprehensive installation guide for the WAC Lighting Silo X10 LED Monopoint luminaire (Model MO-2010), detailing safety precautions, lamp installation, lens replacement, and accessory fitting.

[WAC Lighting Silo X42 LED Monopoint Installation Instructions](#)

Detailed installation guide for the WAC Lighting Silo X42 LED Monopoint fixture (Model MO-2042). Includes safety precautions, step-by-step installation, and accessory mounting instructions.

[WAC Lighting Stealth Silo Monopoint MO-2007 Installation Instructions](#)

Detailed installation guide for the WAC Lighting Stealth Silo Monopoint (MO-2007) integral driver fixture. Covers safety, preparation, mounting, wiring, and aiming procedures for licensed electricians.

[WAC Lighting Volta 2" Tunable White Remodel Housing Invisible Trim Installation Guide](#)

This document provides comprehensive installation instructions for the WAC Lighting Volta 2" Tunable White Remodel Housing Invisible Trim, model numbers R2RRL and R2SRL. It includes essential safety precautions, installation requirements, dimensional data, technical specifications, and detailed step-by-step guidance for proper setup.

[WAC Exterminator II MO-1052 LED Monopoint Installation Guide](#)

Detailed installation instructions for the WAC Exterminator II MO-1052 LED Monopoint luminaire. Includes safety precautions, electrical data, mounting steps, and accessory installation.